

In the Claims

Please replace all prior versions, and listings, of claims in the application with the following list of claims:

Listing of the Claims

1. (Previously Presented) A method of preparing results from predicting the ability of an existing line to support high-speed access comprising the steps of:
 - receiving the results of line testing for high speed access from a test system making single-ended measurements on a selected line; and
 - binning the test results into one of at least three categories, wherein a first of said at least three categories indicates the selected line cannot support high speed access, wherein a second of said at least three categories indicates the selected line can support high speed access, and wherein a third of said at least three categories indicates the selected line cannot currently support high speed access but could be altered to support high speed access.
2. (Previously Presented) The method of claim 1 wherein said step of binning the test results further comprises a fourth category, wherein said fourth category indicates the test results of the selected line cannot reliably be assigned to one of the at least three categories.
3. (Original) The method of claim 1 wherein said step of receiving the results of line testing comprises receiving the results of line testing for ISDN access.
4. (Original) The method of claim 1 wherein said step of receiving the results of line testing comprises receiving the results of line testing for xDSL access.
5. (Original) The method of claim 4 wherein said step of receiving the results of line testing for xDSL access comprises receiving the results of line testing for ADSL access.

6. (Original) The method of claim 5 wherein said step of receiving the results of line testing for ADSL access comprises receiving the results of line testing for at least one of G.dmt access and G-lite access.
7. (Original) The method of claim 1 further comprising the step of color-coding each of said categories, wherein each category has a respective color.
8. (Previously Presented) The method of claim 1 wherein said step of binning the test results further comprises assigning the selected line to said third of at least three categories when the test results indicate the selected line would be able to support high speed access upon removal of an impediment.
9. (Original) The method of claim 8 wherein said impediment is selected from the group consisting of a load coil and a bridged tap.
10. (Previously Presented) The method of claim 1 further comprising the step of billing for service provided over said selected line based on the data rate supported by said selected line.
11. (Original) The method of claim 7 wherein said step of color-coding comprises coding said first of said at least three categories red, said second of said at least three categories green and said third of said at least three categories yellow.
12. (Previously Presented) The method of claim 2 further comprising the step of color-coding each of said categories, and said fourth category is color-coded gray.
13. (Original) The method of claim 1 further comprising the initial step of testing a line.

14. (Original) The method of claim 13 wherein said step of testing a line comprises the steps of:

driving said line with a signal;
measuring said line;
estimating characteristics of said line from the results of said measuring said line and
predicting a data rate supportable by said line from said line characteristics.

15. (Previously Presented) The method of claim 14 wherein said step of estimating characteristics of said line includes at least one of:

estimating an insertion loss of said line;
estimating a phase imbalance of said line;
estimating a length of said line;
estimating a gauge of said line;
determining the presence of gauge changes of said line;
determining the presence of a bridged tap on said line;
determining the presence of a load coil on said line; and
determining the presence of other path elements on said line.

16. (Original) The method of claim 15 wherein said step of determining the presence of other path elements includes at least one of:

determining the presence of a splitter;
determining the presence of a filter; and
determining the presence of a termination.

17. (Original) The method of claim 13 further comprising the step of predicting the dependability of said line testing.

18. (Previously Presented) The method of claim 13 further comprising the step of predicting the reliability of said line testing.

19. (Currently Amended) A computer program product for preparing results from predicting the ability of an existing line to support high speed access, the computer program product comprising a computer usable medium having computer readable code thereon, including program code comprising:

instructions for causing a test unit to receive the results of single-ended line testing for high speed access; and

instructions for causing said test unit to bin the results into one of at least three categories, wherein a first of said at least three categories indicates the selected line cannot support high speed access, wherein a second of said at least three categories indicates the selected line can support high speed access, and wherein a third of said at least three categories indicates the selected line has a condition creating an impediment to high speed access that can be removed.

20. (Previously Presented) The computer program product of claim 19 further comprising instructions for causing said test unit to bin the test results into a fourth category, said fourth category indicating the characteristics are undetermined.

21. (Original) The computer program product of claim 19 wherein said high-speed access comprises ISDN access.

22. (Original) The computer program product of claim 19 wherein said high-speed access comprises xDSL access.

23. (Original) The computer program product of claim 22 wherein said xDSL access comprises ADSL access.

24. (Original) The computer program product of claim 23 wherein said ADSL access comprises at least one of G.lite access and G.dmt access.

25. (Original) The computer program product of claim 19 further comprising instructions for color-coding each of said categories, wherein each category has a respective color.

26. (Original) The computer program product of claim 19 wherein said third of at least three categories could support high speed access upon removal of an impediment on said selected line.

27. (Original) The computer program product of claim 26 wherein said impediment is selected from the group consisting of a load coil and a bridged tap.

28. (Original) The computer program product of claim 19 further comprising instructions for billing for said selected line based on the data rate supported by said selected line.

29. (Original) The computer program product of claim 19 wherein said first of said at least three categories is color-coded red, said second of said at least three categories is color coded green and said third of said at least three categories is color-coded yellow.

30. (Original) The computer program product of claim 20 wherein said fourth category is color-coded gray.

31. (Original) The computer program product of claim 19 further comprising instructions for causing a test unit to test a line.

32. (Previously Presented) The computer program product of claim 31 wherein said instructions for causing a test unit to test a line include instructions for causing a test unit to perform at least one of:

- driving said line with a signal;
- measuring said line;

estimating characteristics of said line from the results of said measuring said line;
and

predicting a data rate supportable by said line from said line characteristics.

33. (Original) The computer program product of claim 32 wherein said instructions for estimating characteristics of said line include instructions to perform at least one of:

estimating an insertion loss of said line;
estimating a phase imbalance of said line;
estimating a length of said line;
estimating a gauge of said line;
determining the presence of gauge changes of said line;
determining the presence of a bridged tap on said line;
determining the presence of a load coil on said line; and
determining the presence of other path elements on said line.

34. (Original) The computer program product of claim 33 wherein said instructions to perform determining the presence of other path elements includes instructions to perform at least one of:

determining the presence of a splitter;
determining the presence of a filter; and
determining the presence of a termination.

35. (Currently Amended) ~~The computer program product of claim 31 further comprising~~ A computer program product for preparing results from predicting the ability of an existing line to support high speed access, the computer program product comprising a computer usable medium having computer readable code thereon, including program code comprising:
instructions for causing a test unit to receive the results of line testing for high speed access;
instructions for causing said test unit to bin the results into one of at least three categories, wherein a first of said at least three categories indicates the selected line cannot

support high speed access, wherein a second of said at least three categories indicates the selected line can support high speed access, and wherein a third of said at least three categories indicates the selected line has a condition creating an impediment to high speed access that can be removed;

instructions for causing a test unit to test a line; and
instructions for causing said test unit to predict the dependability of said line testing.

36. (Currently Amended) ~~The computer program product of claim 31 further comprising A computer program product for preparing results from predicting the ability of an existing line to support high speed access, the computer program product comprising a computer usable medium having computer readable code thereon, including program code comprising:~~

instructions for causing a test unit to receive the results of line testing for high speed access;

instructions for causing said test unit to bin the results into one of a least three categories, wherein a first of said at least three categories indicates the selected line cannot support high speed access, wherein a second of said at least three categories indicates the selected line can support high speed access, and wherein a third of said at least three categories indicates the selected line has a condition creating an impediment to high speed access that can be removed;

instructions for causing a test unit to test a line; and
instructions for causing said test unit to predict the reliability of said testing.

37-43. (Canceled)